



MCS OF INITIAL TRANSMISSION OF A BLOCK	POSSIBLE MCS OF RETRANSMISSIONS OF THAT BLOCK
MCS-8 (FAMILY A)	MCS-8, MCS-6, MCS-3
MCS-7 (FAMILY B)	MCS-7, MCS-5, MCS-2
MCS-6 (FAMILY A)	MCS-8, MCS-6, MCS-3
MCS-5 (FAMILY B)	MCS-7, MCS-5, MCS-2
MCS-4 (FAMILY C)	MCS-4, MCS-1
MCS-3 (FAMILY A)	MCS-3
MCS-2 (FAMILY B)	MCS -MSG-2
MCS -MSG-1 (FAMILY C)	MCS -MSG-1

FIG. 7

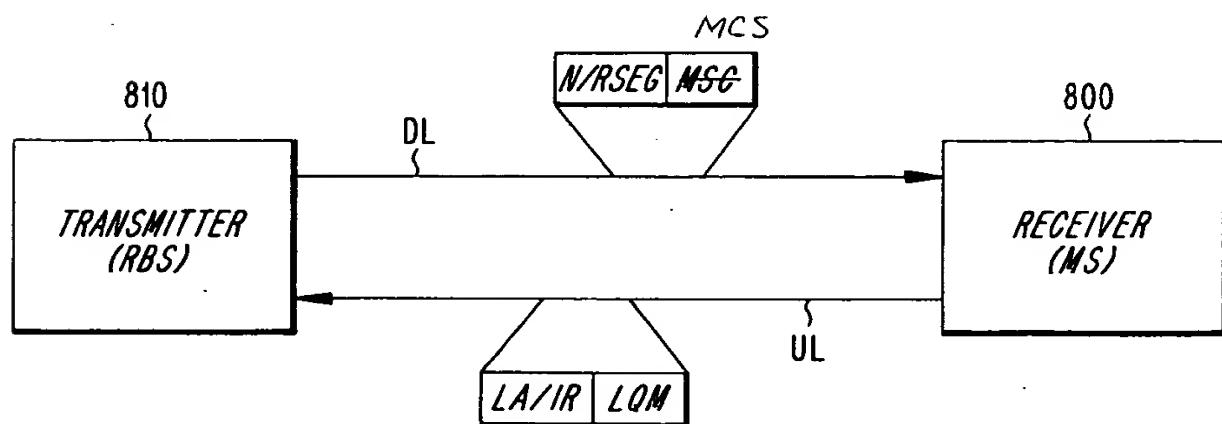


FIG. 8



OPSK

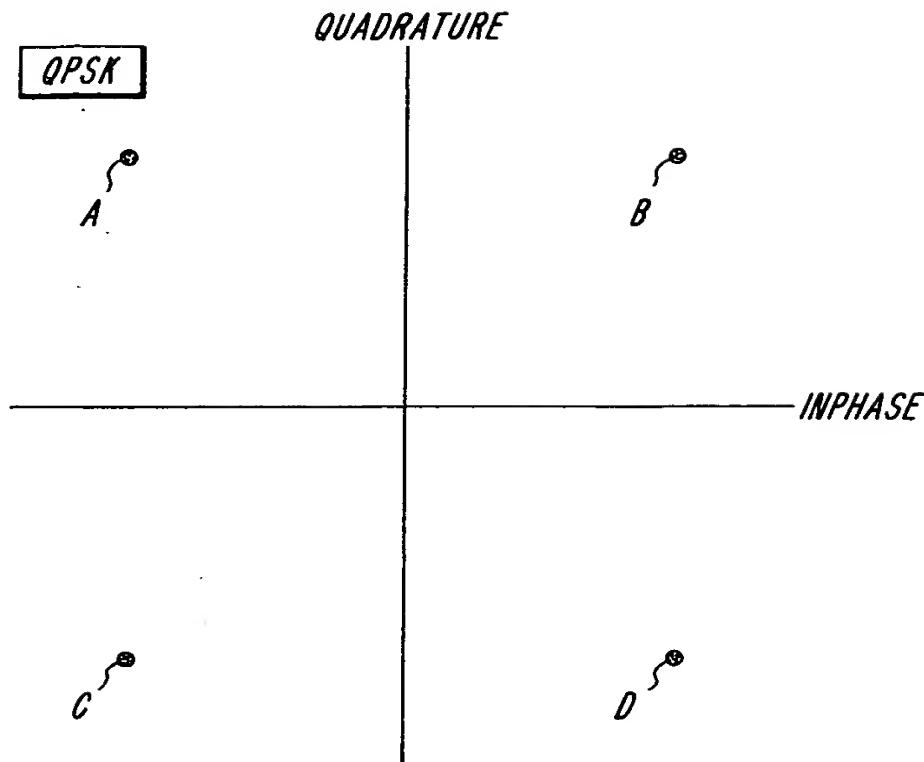


FIG. 1(a)
(PRIOR ART)

16QAM

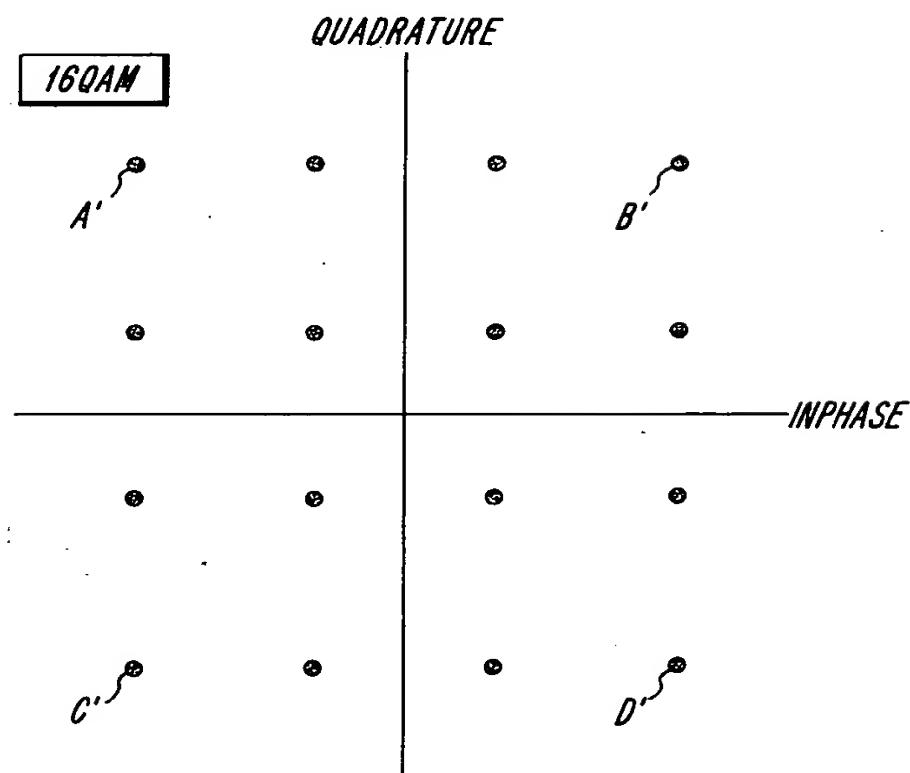


FIG. 1(b)
(PRIOR ART)



FIG. 2
(PRIOR ART)

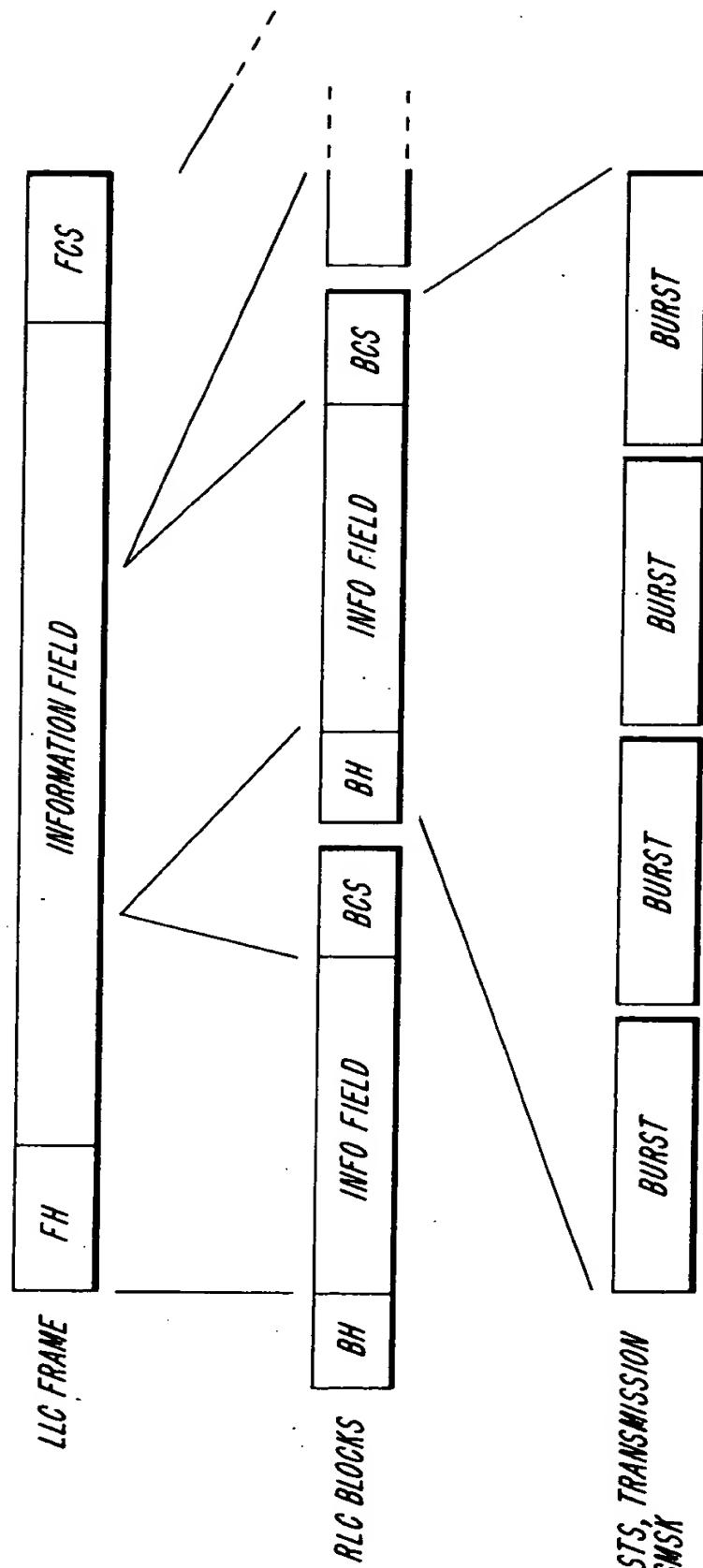
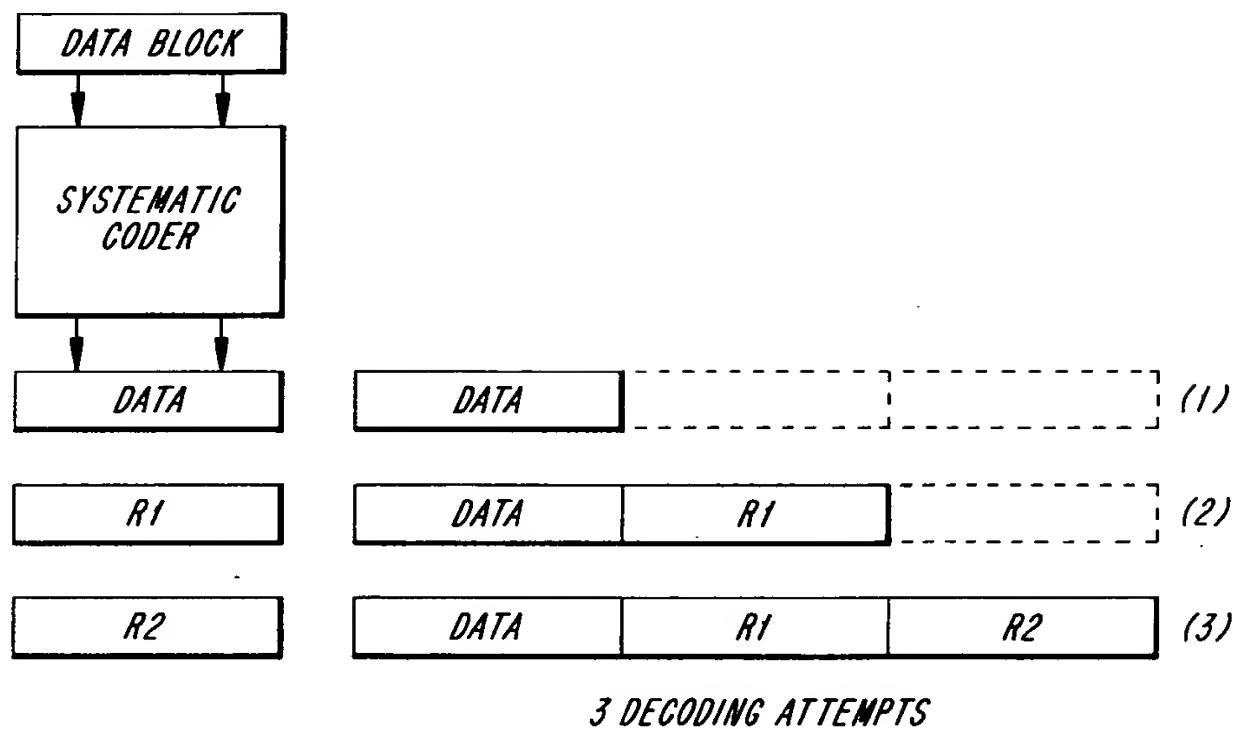




FIG. 3
(PRIOR ART)



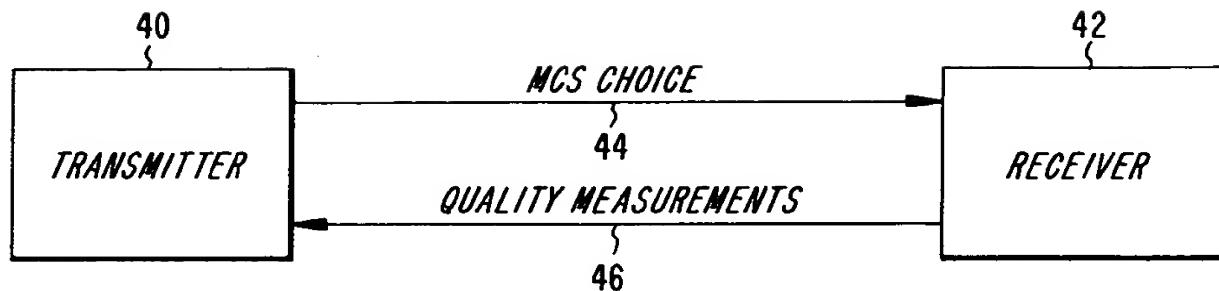


FIG. 4(a)
(PRIOR ART)

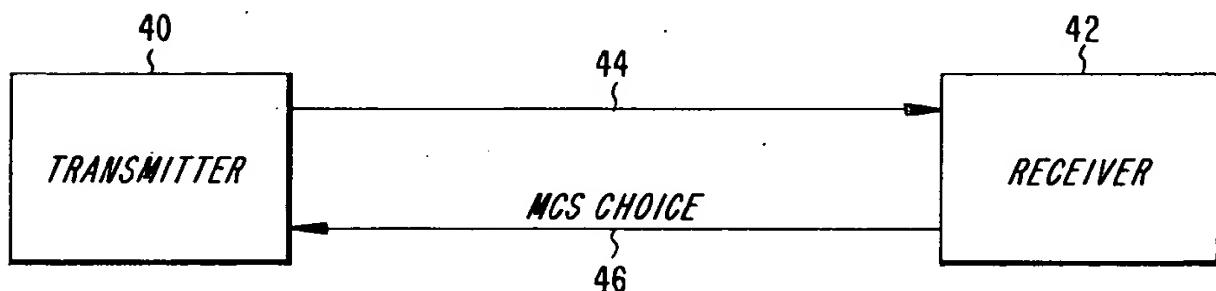


FIG. 4(b)
(PRIOR ART)

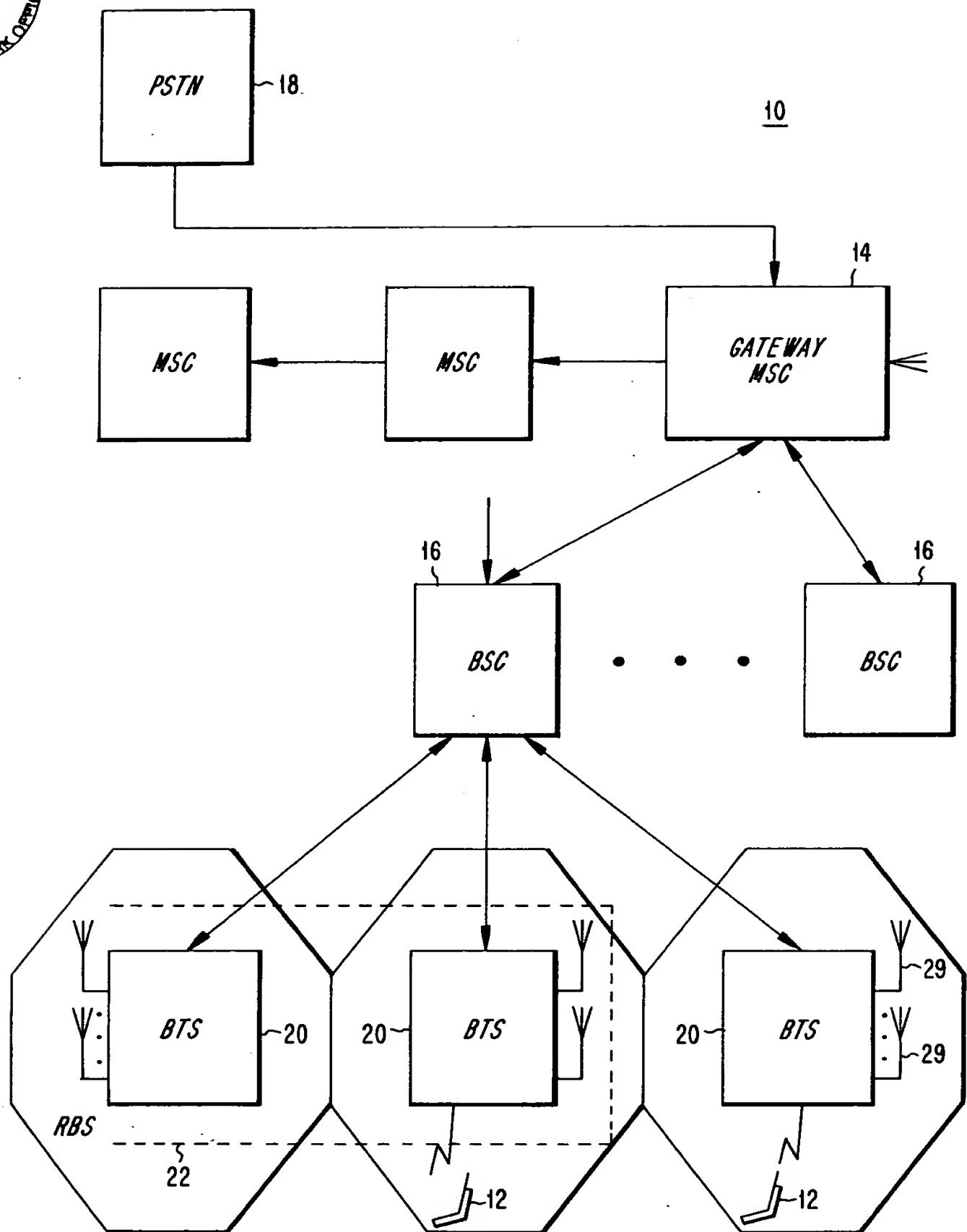
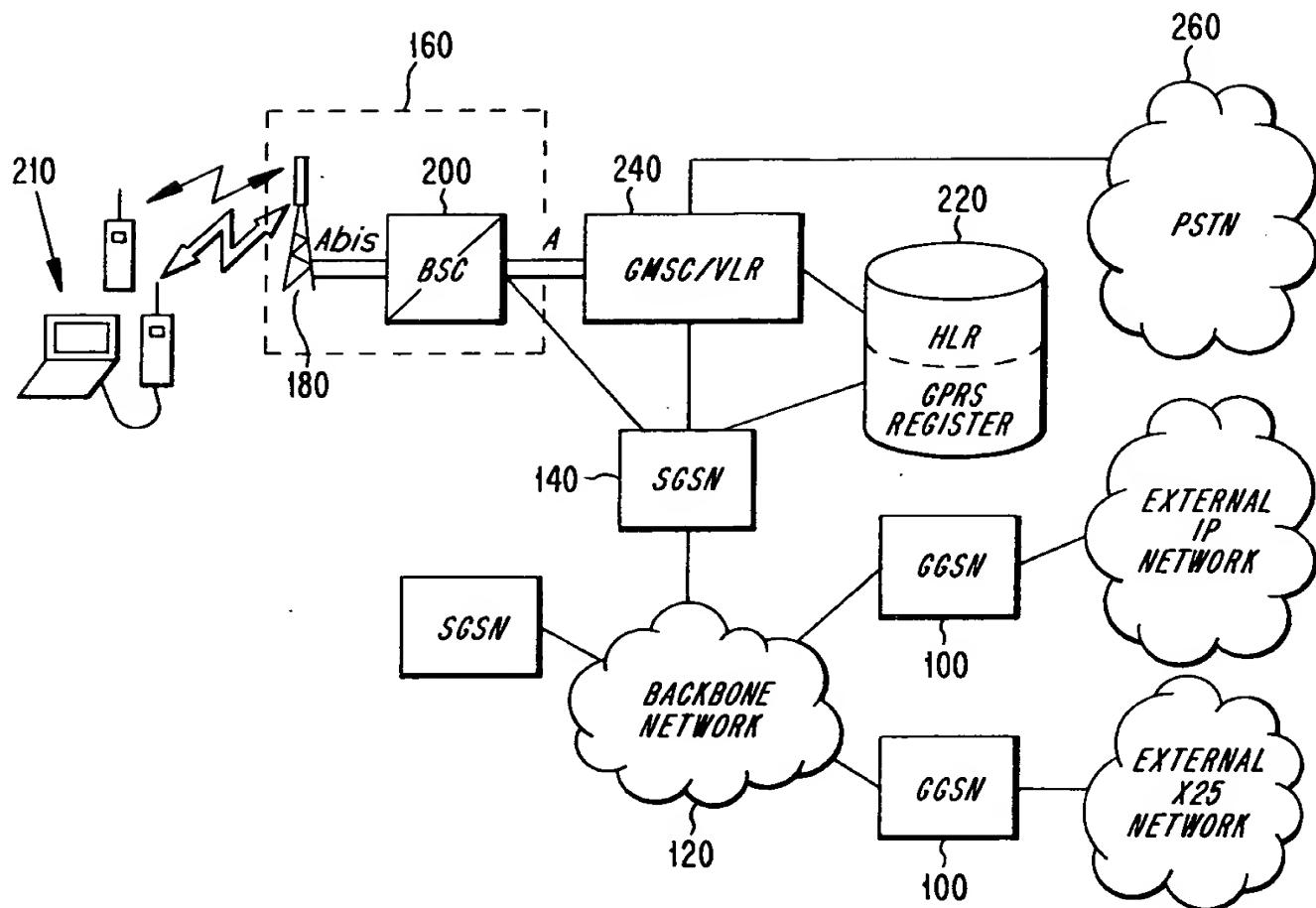


FIG. 5(a)
(PRIOR ART)



BSC = BASE STATION CONTROLLER

GMSC = GATEWAY MOBILE SWITCHING CENTER

VLR = VISITOR LOCATION REGISTER

HLR = HOME LOCATION REGISTER

SGSN = SERVING GPRS SUPPORT NODE

GGSN = GATEWAY GPRS SUPPORT NODE

FIG. 5(b)

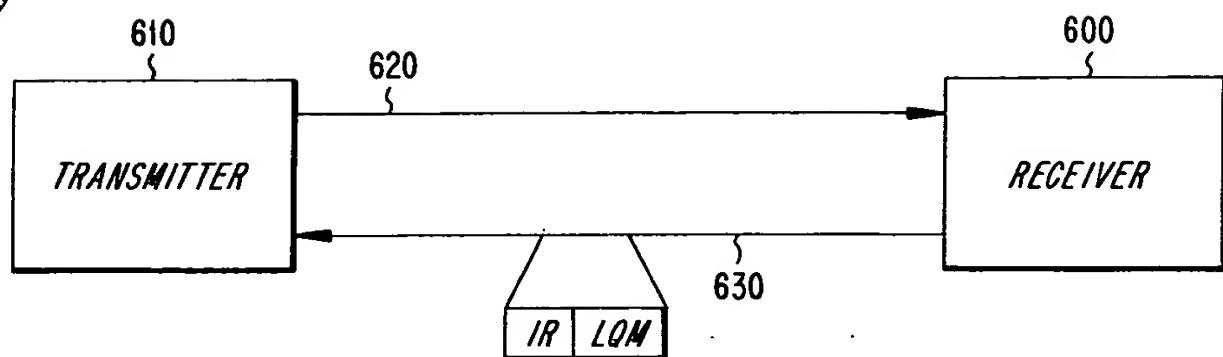


FIG. 6(a)

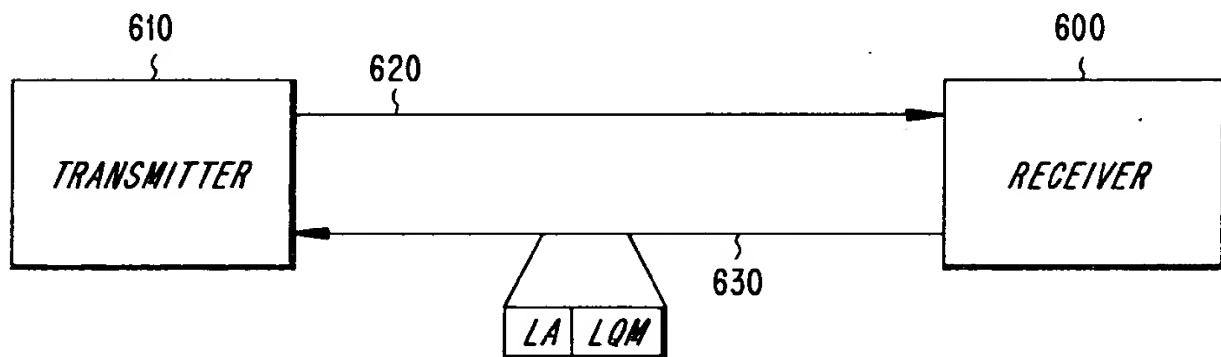


FIG. 6(b)

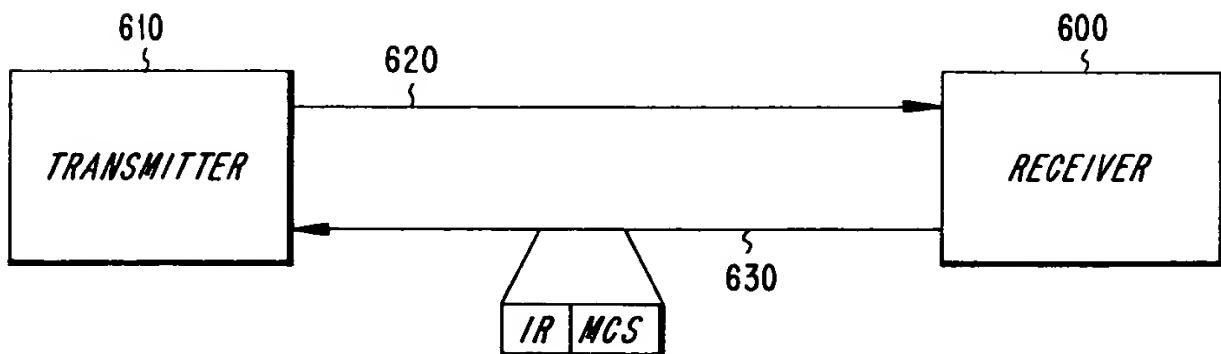


FIG. 6(c)

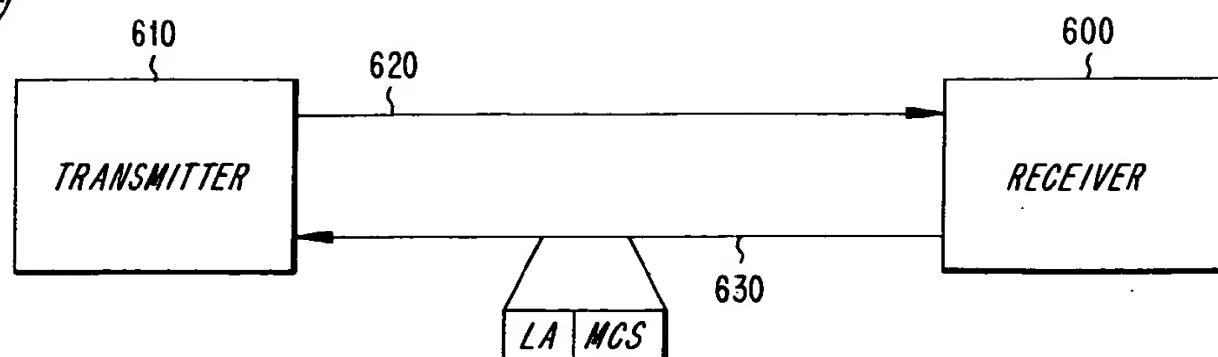


FIG. 6(d)

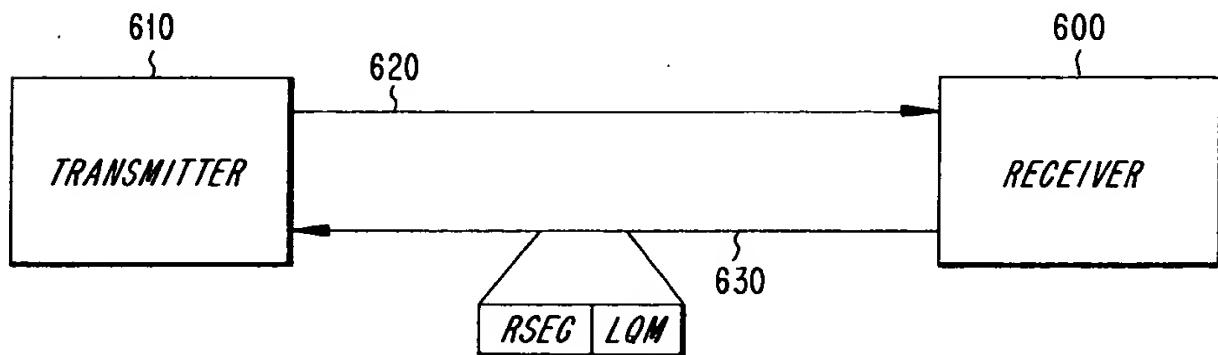


FIG. 6(e)

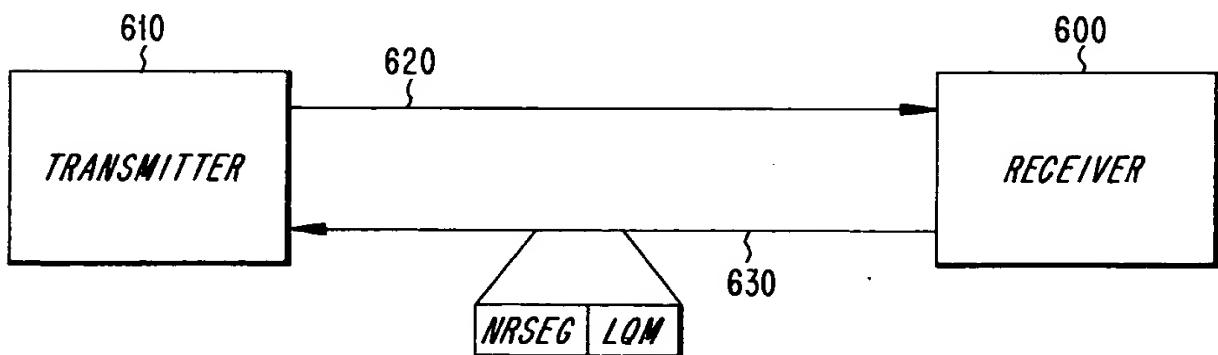


FIG. 6(f)

FIG. 6(h)

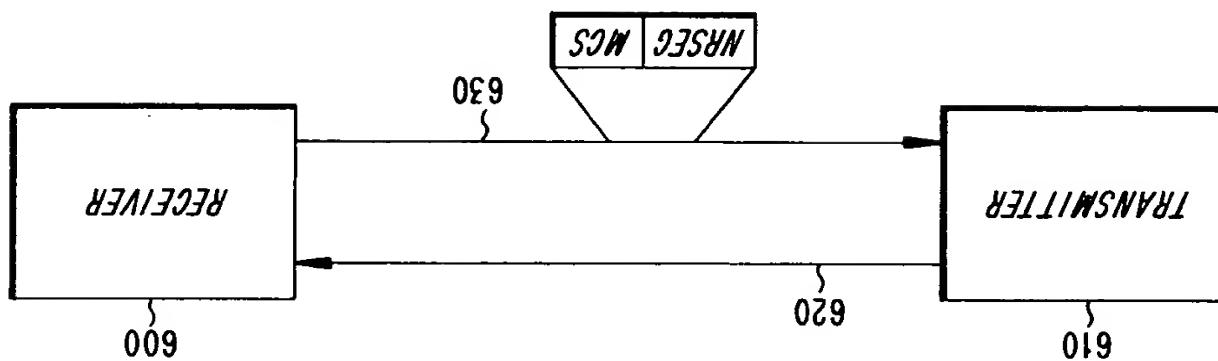
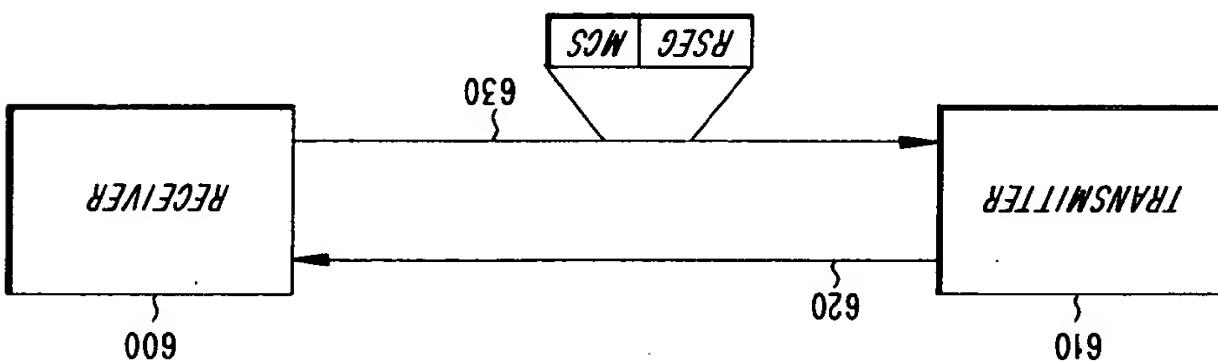


FIG. 6(g)





MCS OF INITIAL TRANSMISSION OF A BLOCK	POSSIBLE MCS OF RETRANSMISSIONS OF THAT BLOCK
MCS-8 (FAMILY A)	MCS-8, MCS-6, MCS-3
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MCS-6 (FAMILY A)	MCS-8, MCS-6, MCS-3
MCS-5 (FAMILY B)	MCS-7, MCS-5, MCS-2
MCS-4 (FAMILY C)	MCS-4, MCS-1
MCS-3 (FAMILY A)	MCS-3
MCS-2 (FAMILY B)	MCS-2
MCS-1 (FAMILY C)	MCS-1

FIG. 7

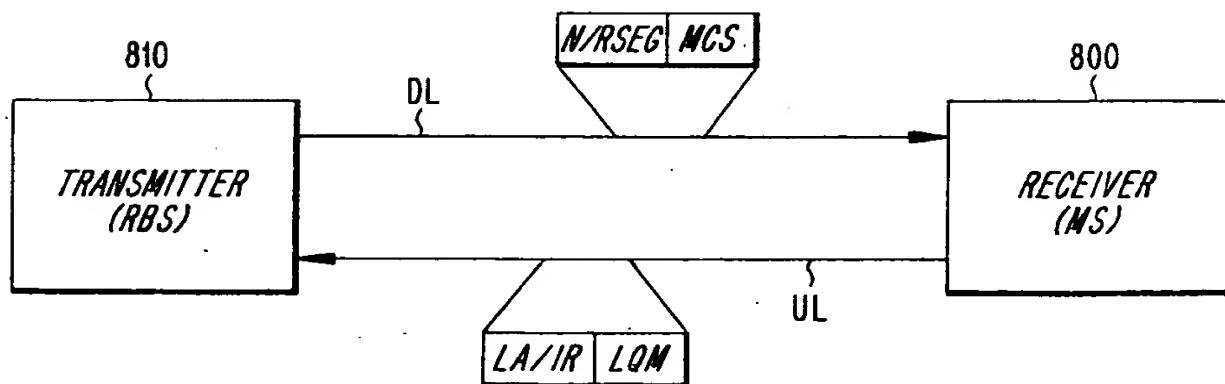


FIG. 8